

Converting Colors

Hex(EB8EFF)

Have a look what the booklet for
Hex(EB8EFF) contains.

Hex(EB8EFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**EB8EFF**)

Conversions

Conversions Part 1

Format	Color
Hex	EB8EFF
RGB	235, 142, 255
RGB Percent	92%, 56%, 100%
CMY	0.0784, 0.4431, 0.0000
CMYK	0.08, 0.44, 0.00, 0.00
HSL	289°, 100%, 78%
HSV	289°, 44%, 100%
XYZ	61.9840, 44.2282, 99.8777
YIQ	182.6890, 19.1550, 54.8590

Conversions

Conversions Part 2

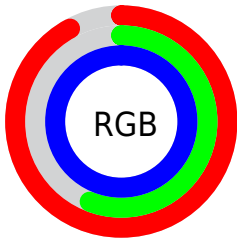
Format	Color
R _Y B	235, 142, 255
Decimal	15437567
CIE Lab	72.38, 52.64, -41.95
CIE LCh	72, 67.311, 321.452
Yxy	44.2282, 0.3008, 0.2146
Android (android.graphics.Color)	4293627647 (0xFFEB8EFF)
YUV	182.6890, 35.6493, 45.8767
Hunter-Lab	66.5043, 49.9848, -42.4902

Details

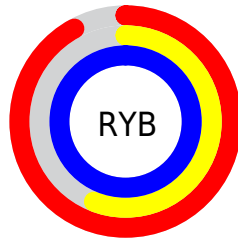
The Hex color **EB8EFF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **A2FF8E**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFC6FF**, and **B158C6** is the 20% darker color. If you saturate the color by 10%, you get **E675FF**, and if you desaturate by 10%, it is **F0A8FF**.

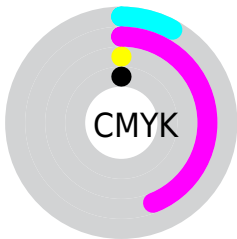
Distribution



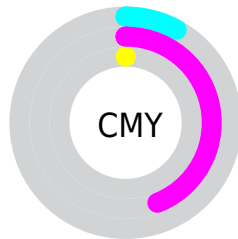
- Red (92%)
- Green (56%)
- Blue (100%)



- Red (92%)
- Yellow (56%)
- Blue (100%)



- Cyan (8%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB8EFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color EB8EFF by changing the saturation by 10% instead.

 EB8EFF

 EB8EFF

FFFFFF

 CE73E2

 FFC6FF

 B158C6

 FFE2FF

 953EAA

 7A228F

 5F0075

 44005C

 2C0044

 0B002D

 000117

 EB8EFF

 EB8EFF

 E675FF

 F0A8FF

 E25BFF

 F4C1FF

 DD42FF

 F9DBFF

 D928FF

 FDF4FF

 D40FFF

FFFFFF

 D200FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92A9FF



EB8EFF



FF7AC6

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EB8EFF



E1A82D



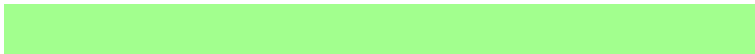
00CFDD

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



EB8EFF



A2FF8E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00CE9D



EB8EFF



A7BC33

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EB8EFF



FF9052



59C861



00CAFF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EB8EFF



FF789C



59C861



00CFC8

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



EB8EFF



F9DEFF



8EA3FF



7C6B80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



EB8EFF



E778FF



FF8EDB



7D7380



9D00BF



340040

Inverse Universe

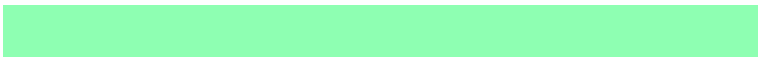
The Inverse Universe completely reimagines the original color for something new.



FF8EA2



FF7890



8EFFB2



807375



BF0022



40000B

Previews

White Background



This preview shows how the Hex color EB8EFF looks on a white background.

Color Contrast Check

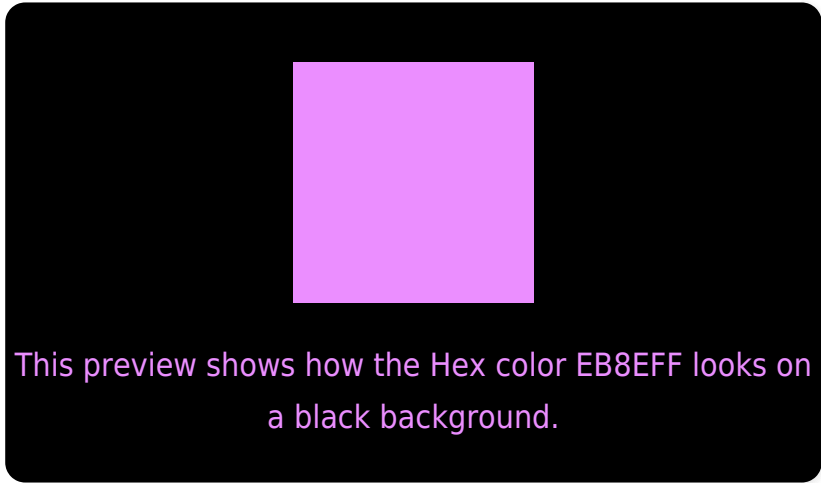
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

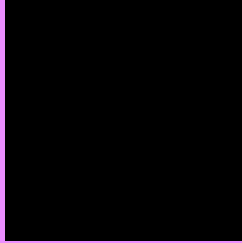
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex EB8EFF Background



This preview shows how black text looks on a background with the Hex color EB8EFF.



This preview shows how white text looks on a background with the Hex color EB8EFF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
E0A1AD

Trichromacy



Original Color
EB8EFF



Protanomaly
B6A3FF



Deuteranomaly
B7A4FB

Tritanomaly
E49ACB

Monochromacy



Original Color
EB8EFF



Achromatopsia
B7B7B7



Achromatomaly
CAA8D1

CSS Examples

Text

The CSS property to change the color of the text to Hex EB8EFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #EB8EFF looks like.

```
.text, #text, p{  
    color:#EB8EFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #EB8EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB8EFF
}
```

Border

The CSS property to change the border of an element to Hex EB8EFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB8EFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#EB8EFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #EB8EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB8EFF; -webkit-box-shadow:4px 4px  
4px 4px #EB8EFF; box-shadow:4px 4px 4px  
4px #EB8EFF }
```

Background

The CSS property to change the background color of an element to Hex EB8EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB8EFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#EB8EFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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